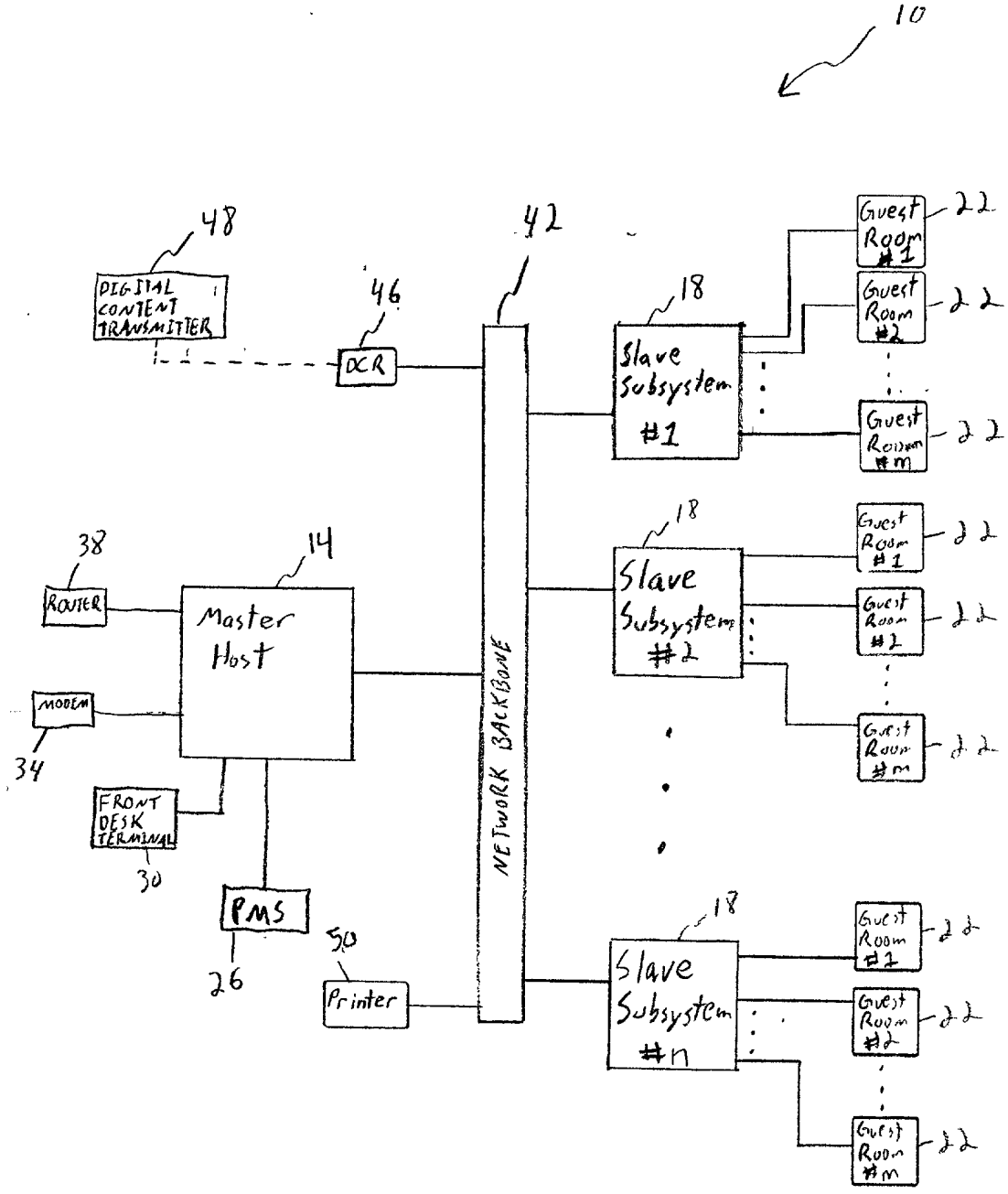
10
48
DIGITAL CONTENT TRANSMITTER
46
DCR
42
NETWORK BACKBONE
18
Slave Subsystem #1
Guest Room #1
Guest Room #2
Guest Room #m
22
18
Slave Subsystem #2
Guest Room #1
Guest Room #2
Guest Room #m
22
18
Slave Subsystem #n
Guest Room #1
Guest Room #2
Guest Room #m
22
38
ROUTER
14
Master Host
MODEM
34
FRONT DESK TERMINAL
30
PMS
26
50
Printer

Fig. 1

TOKTSO" STSSOSA

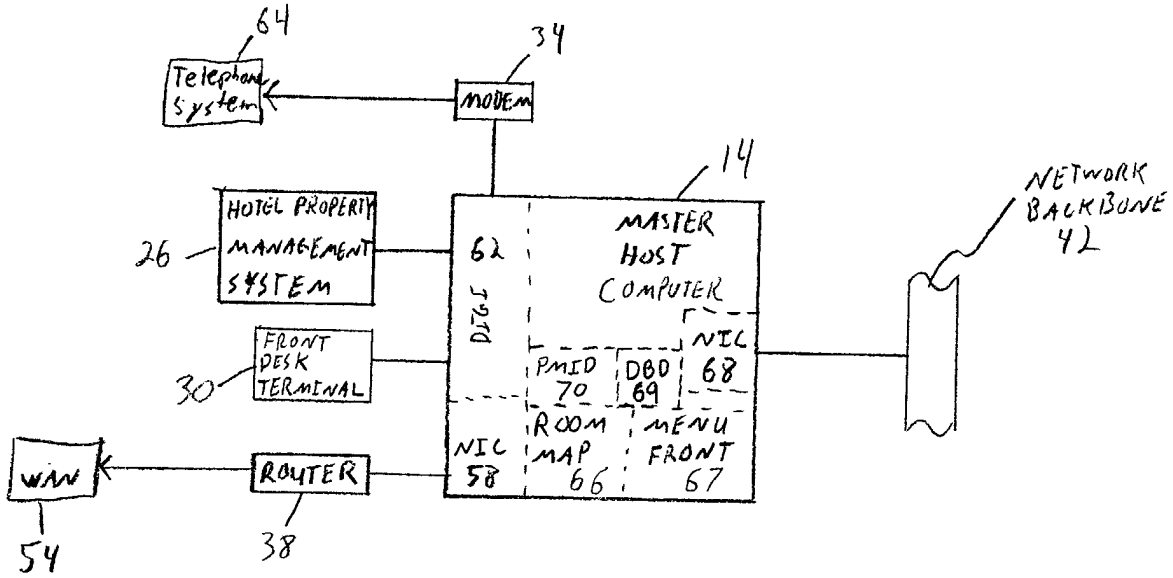

Fig. 2

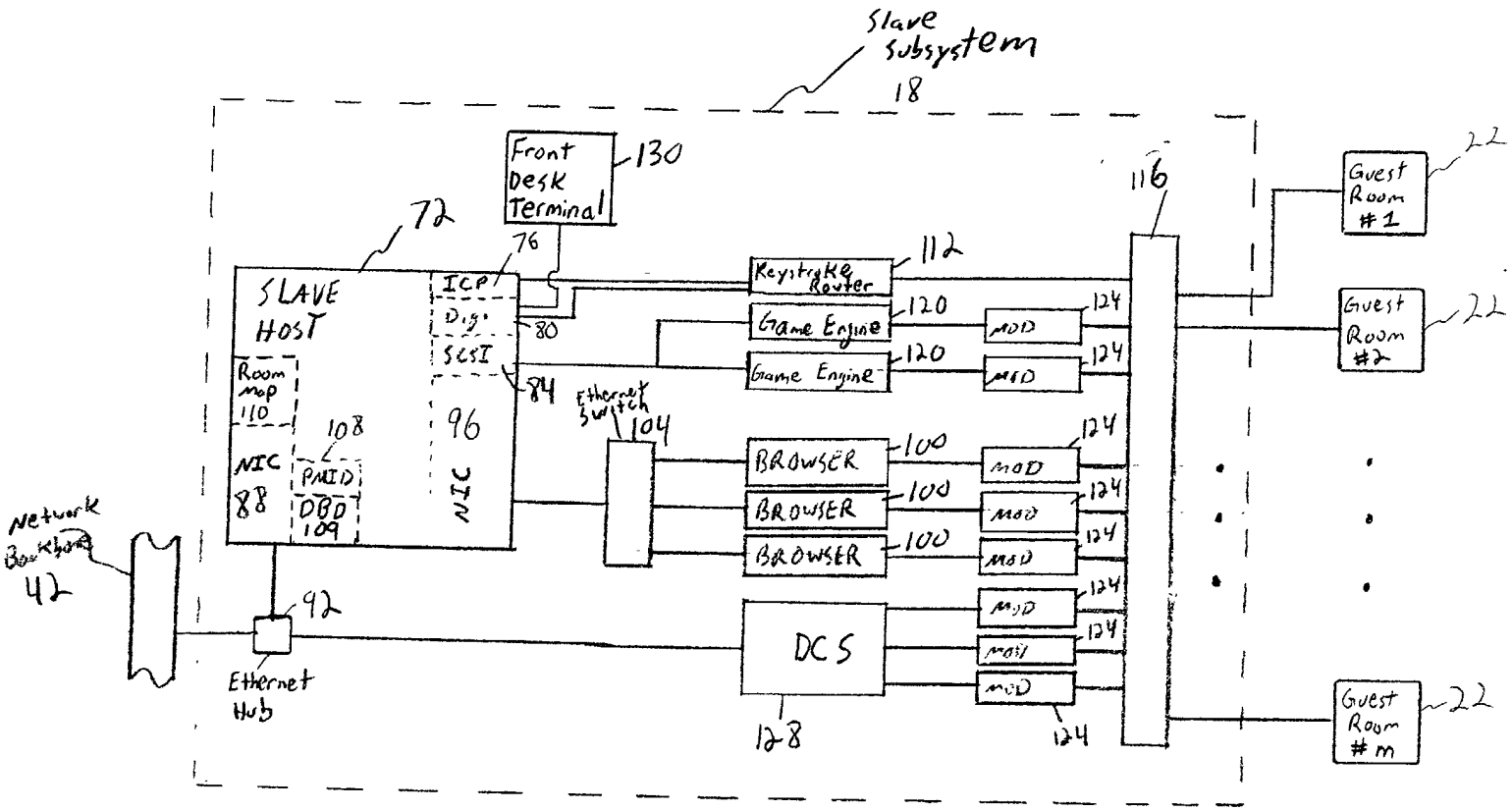
Slave subsystem
18
Front Desk Terminal
130
72
76
SLAVE HOST
ICP
Disk
SCSI
80
84
Room map 110
NIC 88
108
PMID
DBD 109
96
NIC
Ethernet Switch
104
Network Backbone
42
92
Ethernet Hub
Keystroke Router
112
Game Engine
120
Game Engine
120
BROWSER
100
BROWSER
100
BROWSER
100
DCS
128
MOD
124
116
Guest Room #1
22
Guest Room #2
22
Guest Room #m
22

Fig. 3

PMS Interface

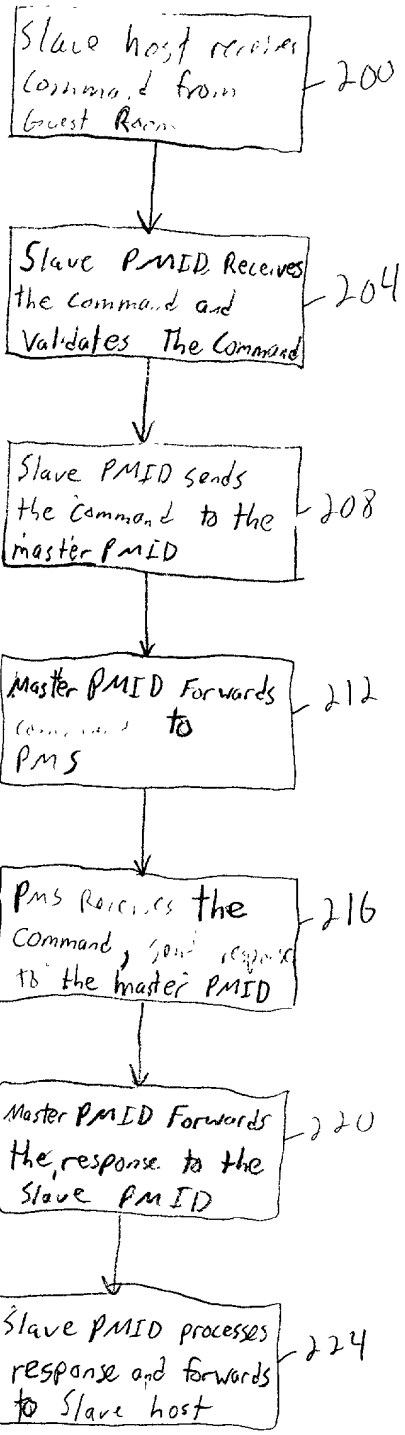

Fig. 4

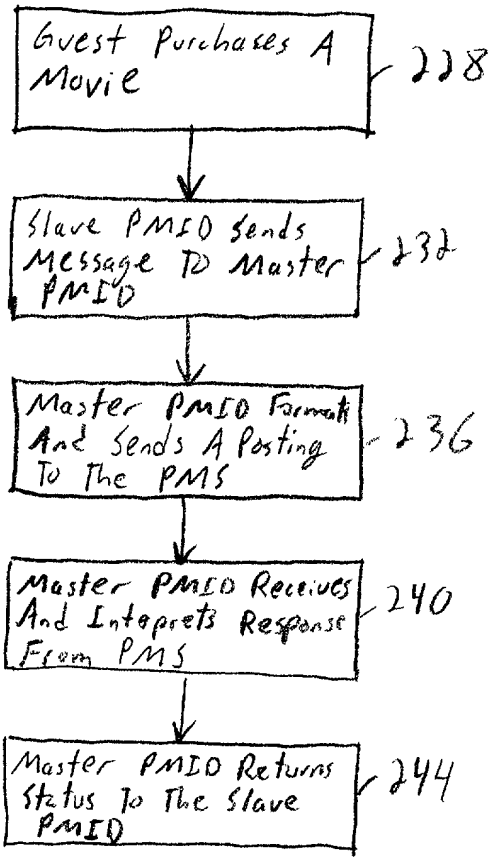
Guest Purchases A Movie
228
Slave PMID Sends Message To Master PMID
232
Master PMID Formats And Sends A Posting To The PMS
236
Master PMID Receives And Interprets Response From PMS
240
Master PMID Returns Status To The Slave PMID
244

Fig. 5

TOATSO 6T56U9S0

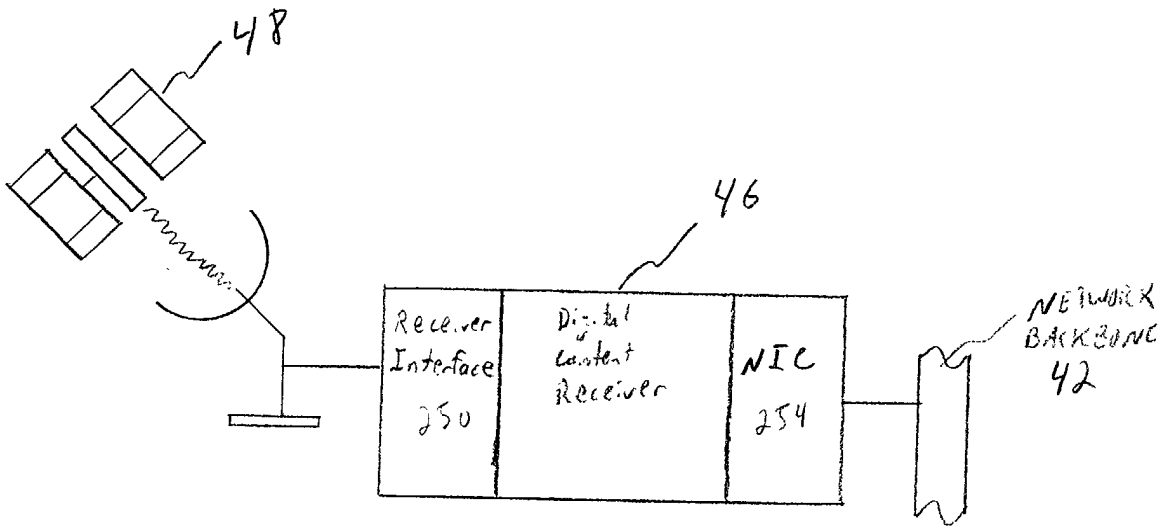

Fig. 6

Video Content Distribution

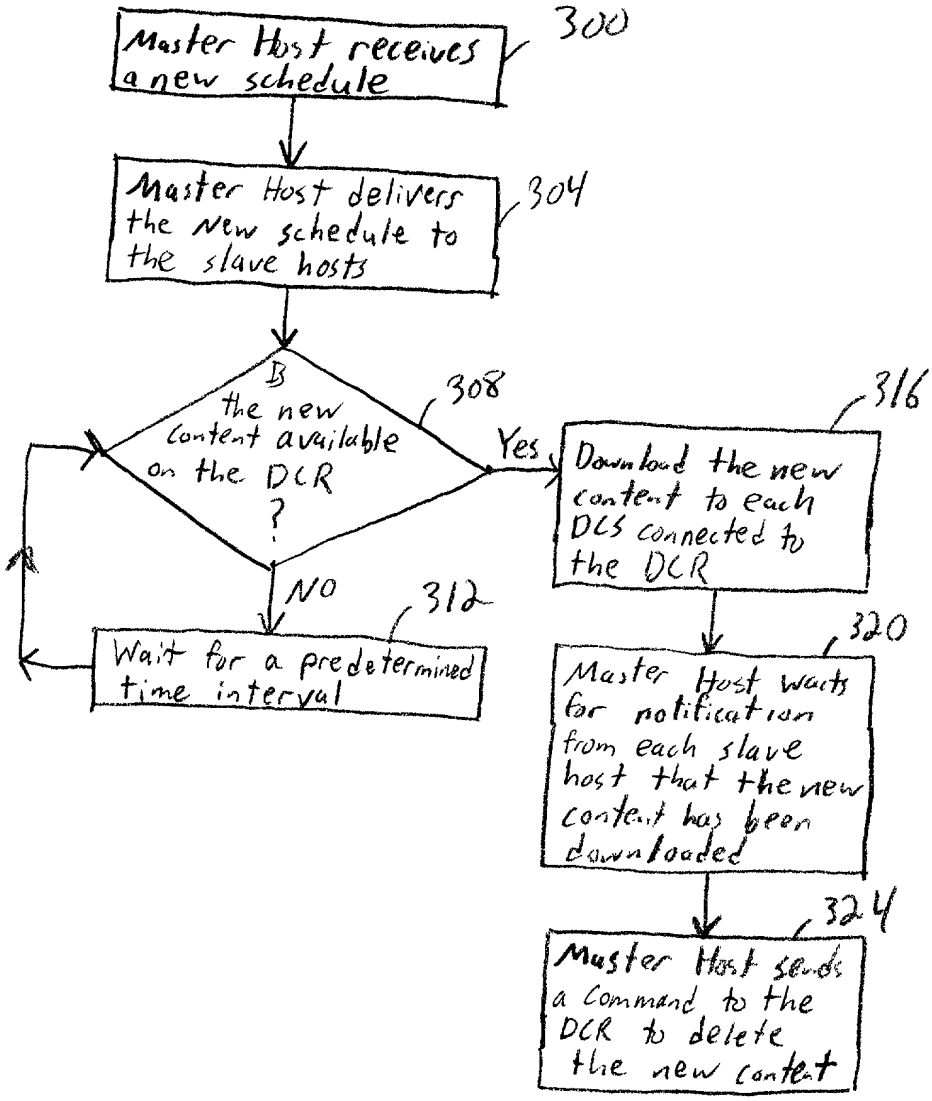

Fig. 7

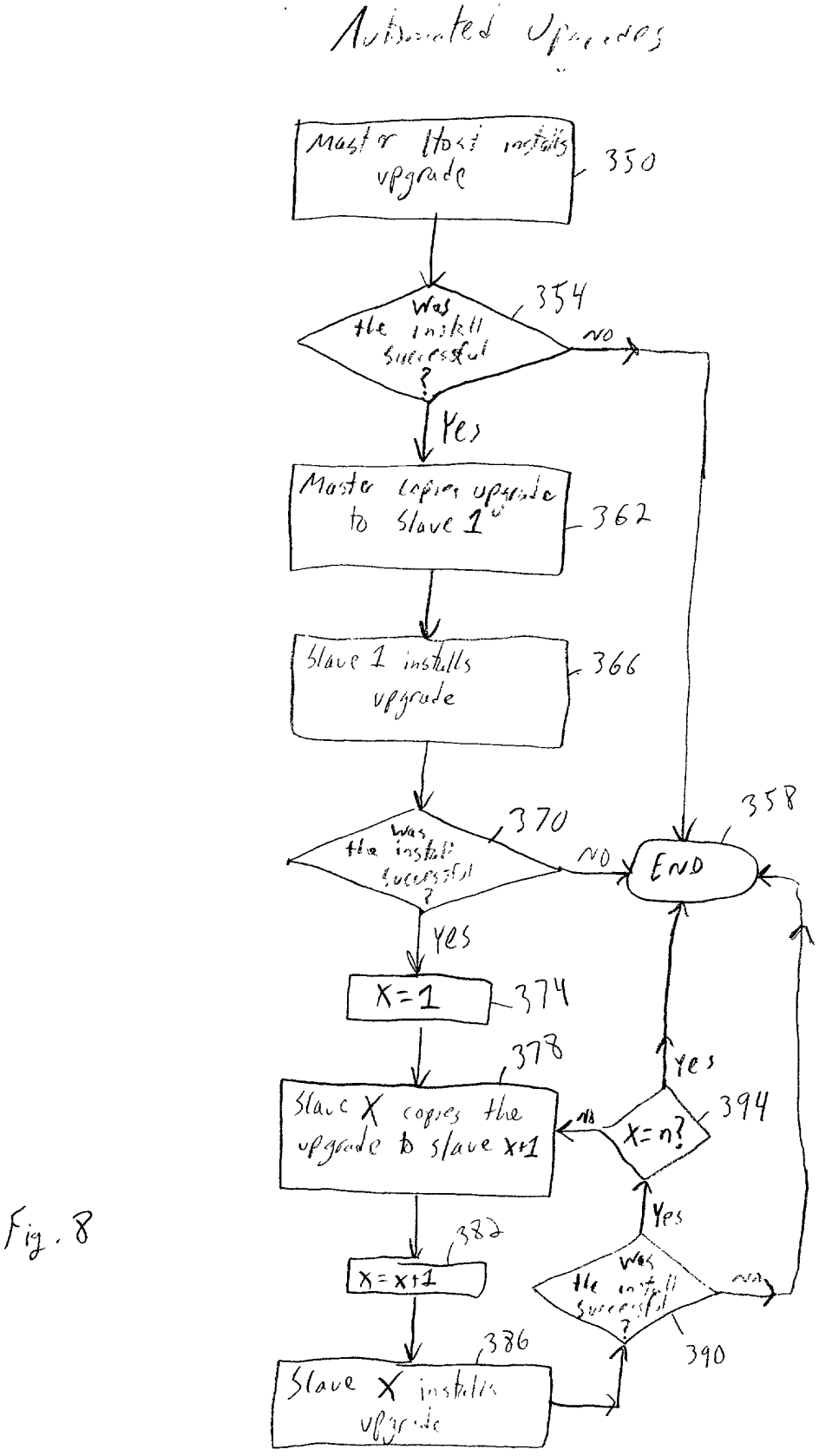
Automated Upgrades
Master Host installs upgrade
350
Was the install successful ?
354
NO
Yes
Master copies upgrade to Slave 1
362
Slave 1 installs upgrade
366
Was the install successful ?
370
NO
END
358
Yes
X=1
374
Slave X copies the upgrade to slave x+1
378
X=n?
394
NO
Yes
X=X+1
382
Was the install successful ?
390
NO
Yes
Slave X installs upgrade
386

Fig. 8